)) rubation in down f 300ce in bag

Bemm + 31615CF (for 500ml of modia).

123 SANDOZ *10230092 SLOCK OF IDUGIND

UZIN FINAL: 200glmx 2 . 200g 138 will act

126 SANDOZ * YOHDOZ92 SHOCKOH IDUGIND

WONTH FINAL: DONGLMX 2 . 500g 308 will act

SCF AUGEN * 1509F2 STOCK OF 1.5 mg/ml = 1500 ugl mp

Want Giral: 1000glmx 2 . 100 ug 067 will act

Linai concentrations are doubled since the media will be diluted 1:2 w/ viral appropriant. Cells are therefore incubated with the correct concentrations.

BBMM: FBS Genuni LOT# ATOLOGIH
BBM #115

2.8×10°CeUs want final: 5×10°Chm.

Put in 2 7.75 30m each: 15ml B3US 051193

15ml UASW GM part 53:

+ protamine sulface of 1.3pdiments

: trate TRE_ FOST ab 5×108C 0.22% 0.7106 Jul me nedia *34 = 3.6×106C = 1.1x10°C 20 0 adsorbed 100 #raction=1: F12 F12 yole FUFC gate 2×1000 20.81% 31.947 = 0.42×10°C #34+_ D.64x106 C adsorbed traction*2: 0.8×106C 2.4662 5.80% 58×144 = 34+c= 0.02×106C 0.05×100c (yields). actorbed #1: FRE&FLIFECGITE TRESFLUFLZ GOTO 3.6×10° = 11.7°6 0.64×104c 3.6×104C=[17.8%] Frank Fulforgo pretable Fliftzgre 0.64x1062 [58.26] 0.42×104c 38.2°C FREGFLIFER odsarbadis: TRE & FLIFLA CARON HOW

MAMMENTO

| | ZACHARY RIGIGINS: 5114193 | 17C |
|---|---|------------|
| | RECED 2000 CC CORD BUXED | Rar |
| | TRE mano Doly 109 | ca |
| | 218x50 = 109x106 Clm9 x20001 = 2.2x109C = 362f | () () () |
| | Poded 3 viales (4.5ml) 12.8 ab | 3 |
| | Spindown Ropd. In 1x PBS to 300ml | Petroe |
| | Ran Unraugh column: | con |
| | spin down unadsorbed fraction for and ab | 26x - 2 |
| 2 | Sur siem cell Graction to Rold in | 1391 |
| | 1007-15: 1007-15-15-109-15-15-109-15-16-15-16-15-16-16-16-16-16-16-16-16-16-16-16-16-16- | LAGI |
| | | |

| | 227 |
|--------------------|--|
| | incubated woodsorved fraction w/ 4.5 mls |
| | Rot in 300m in bag (w 1xPBS) Ran Inragh and Claumin. |
| | Counts: - unadsorbed - tem - monos paux monos paux |
| Hart | 30 33 58 41 03x53x10 ³ 62 x2x10 ⁴ 3.15x:0 ⁴ Clrulx 6000l = 1.2 x10 ⁴ Clrup =1.9x10 ⁹ C x5rul = 1ex10 ⁶ C |
| Dowl | Percolled Sicolled Froze > LUTI2) |
| | combined silem cell fractions |
| ind ab | 26x10°C for transduction want final [] = 5x10°C/mel. 520 me total -2 = 260 ml supe 260 ml media |
| | 13 Flasks 40 ml/flask som supe 20 ml media (B365) + 300 ml protanune sulfate |
| 40 | LASN Supe 539 (bottles 1819) |
| ×104 ; mul × 5.5ml | |

5/16/93 3rd transduction 330pm.

| | | 22 |
|----------|---|-----------|
| 1 | 5117193 cello wached 4x 3x in 1xPBO + P10 1064 wash in RPMI (no p10) | |
| 5 5 | COUNT: LEOXIDE C X=15 x 10 x 101=15. X40M= LEOYID RHYDEL IND 10CC SULTINGE REINFUSED ON 5/17/93 (UCSF) | |
| | Foot trans. Crus: 50146 Sangle Plate* # Leus # ul SG418 lab 500 4 | · · · · · |
| | Jab 1000 B Jab 2000 116 HG418 4ab 500 4 L000 B L000 B | |
| 141/e) | 1000 - 24 +G48 8ah 1000 - 24 | |
| hon host | | |
| >30pm. | | |